







Sample Description For Virginia Beach Geoprobe Site 62D 13

Depth	Lithology	Recovery	Description
0-4		75+	Tan sand to 2.2 ft. 2.2-2.4 ft is a dark brown to black sand. This may be the old land surface before the site was used for spoils. 2.4-2.7 ft is a transition from a tan to a gray sand. 2.7-3.0 ft is a gray, clean, rounded to well rounded, coarse to v coarse sand. This sand is wet, but not saturated. Material has a H ₂ S odor.
4-8		50-60	Upper 0.2 ft of material was removed to retrieve drive point. Bottom 1.8 ft probably slid out of liner during trip up hole. Remaining sample is most likely from about 4.3 ft to 6.2 ft. 4.0-4.3 ft is a coarse sand similar to the one described above, but slightly finer grained. At 4.9 ft is a peat layer that extends to 5.9 ft. From 5.9-6.2 ft the material reverts to the same coarse to v coarse sand that overlies the peat. All throughout the sand is gray and has an odor of H ₂ S.
8-12			
12-16		75	Material is a subrounded to rounded, grayish tan, coarse to v coarse sand. Colored, non-qtz grains are abundant - blue, pink, orange, and black being most common. H ₂ S odor. Only collected a jar sample, since the material did not change throughout the interval.
16-20			Driller Note: Switching to 2 ft sampler.
20-22		70	Lost upper 0.8 ft of liner during retrieval from barrel. Material is similar throughout interval. Tan, subrounded to subangular, med sand. Abundant angular DMs. Non-qtz grains common. SC = 625 μ S/cm
22-28			Driller Note: Driving until we hit something different. Driving is v hard, requiring hard hammering. Hole has gotten crooked. We are going to collect 28-29 ft before starting a new hole to attempt to go straighter. We are pounding through nothing but sand.
28-29		not noted	Gray, clean, well sorted, rounded, med sand. Abundant DMs. White, pink, and orangish grains are uncommon.

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29-55			<p>Driller Note: New hole begun using the 2 ft sampler from the top. We will drive until it something feels different. At 38 ft driving became easier. Most likely still sand, though. At 48 ft driving became more difficult, but by 49 ft it was easier again. Hammering still needed, but making good progress (~ 1 rod/minute). Material feels like a well saturated coarse sand. At 55 ft driving became very hard. Much hammering required.</p>
55-56		100+	V slightly silty, clean, fine to med sand w/ trace of mica, DMs v scarce. Bluish gray in color. Very little water was pressed from this material. About